

THE TECH

DAILY

VOL. XXIX. NO. 47.

BOSTON, MASS., MONDAY, NOVEMBER 22, 1909

PRICE ONE CENT

"THE QUEEN OF THE CANNIBAL ISLES"

Show Announced--E. C. Vose 1911 and C. A. Stewart 1912--Authors

"The Queen of The Cannibal Isles," by E. C. Vose 1911, and C. A. Stewart 1912, has been selected as this year's Tech Show. The scene is laid on a Cannibal Isle, in the Pacific, with the Queen as the heroine. A shipwreck occurs and some Americans are thrown on the Island, and thus opportunity is given for the mingling of savage and civilized characters and music. Coach Francis said that all the time he had been connected with the Show, none of the books had compared to this one as a basis for the Tech Show.

E. C. Vose 1911, was the author of three of the lyrics in last year's Show, "Medicine Man," "The Game of Love," and "The Beautiful Boylston Blond," while C. A. Stewart 1912, was in the men's chorus last year, and was also on the Glee Club.



E. C. VOSE,
One of Authors of This Year's Show.

The name and authors of the Show were announced Saturday night at the fourth annual Tech Show Komers. Although only 125 men were present, little more than half as many as last year, they made up in enthusiasm what they lacked in numbers. The evening's festivities started in with the reading of a telegram from G. A. Joslin 1909, the general manager of last year's Show, in which he extended his best wishes for a successful Show dinner and a yet more successful Show.

The first speaker of the evening was former General Manager Emerson 1904, of the 1903 Show, which made more money than any other Show before or since. Mr. Emerson told something of the history of the Tech Show from the first one, a minstrel performance, up to his day and showed how it had developed into the leading college show of the country. As the Show is given under the auspices of the student body of the Institute, Mr. Emerson said that it is only proper that the students should have some voice in the appointment of the management and in the disposition of the surplus money. This could be done by having the lists of candidates recommended by the Show board for the different positions on the management, sent to the Institute committee to be passed on. In the same way the Institute committee would appropriate the money that the Show makes to those

(Continued on page 2.)

LANGUAGES DROPPED FROM GENERAL OPTIONS

Spanish And Italian No Longer Included In Third Year List

Some curiosity has been aroused among the students because elementary Spanish and Italian and intermediate Spanish were dropped from the list of third year options in general studies this year. The fact is, that these subjects do not come within the faculty's requirements for general studies, and have been accepted in former years only through a misunderstanding. The faculty's idea in requiring third year options is to give advanced courses in general subjects which may prove useful in future life. Elementary courses in the opinion of the faculty in modern languages, do not come under this classification. Because of this decision very few enrolled in these subjects in September, and several of these have since dropped out, either because of lack of time or because of the inconvenient hours at which they are given. Being purely optional studies it was necessary to put them at 4 o'clock in order to avoid conflicts with the required subjects.

The advanced courses in French and German are still accepted in the third year requirements.

The following statistics in regard to the attendance this year and one and two years ago may prove of interest.

1907-1908.	
Spanish I	56 students
Spanish II	7 students
Spanish III	15 students
1908-1909.	
Spanish I	32 students
Spanish II	7 students
Spanish III	10 students
1909-1910.	
Spanish I	14 students
Spanish II	4 students
Spanish III	2 students

Spanish III is a special course given only by permission of the faculty, and is not one of the catalogue subjects.

FOOTBALL RESULTS

At Portland--Bowdoin 6, Tufts 0.
At Syracuse--Illinois 17, Syracuse 8.
At Minneapolis--Michigan 15, Minnesota 6.
At South Bethlehem--Lafayette 21, Lehigh 0.
At Annapolis--Annapolis 45, Davidson 6.
At New York--Fordham 9, Holy Cross 5.
At Philadelphia--Trinity 17, Haverford 0.
At Chicago--Chicago 6, Wisconsin 6.
At Ithaca--Cornell freshmen 11, Pennsylvania freshmen 0.
At St. Louis--Vanderbilt 12, Washington 8.
At Swarthmore--Swarthmore 29, Bucknell 0.
At Pittsburgh--University of Pittsburgh 18, Mt. Union College 3.
At Cleveland--Western Reserve 14, Hiram 0.
At New York--New York University 47, Union 0.
At Hoboken--Stevens Institute 17, Rutgers 5.

CORNEILL WINS CROSS-COUNTRY SCORE ONLY TWENTY-TWO

Tech Is Easy Second--Remarkable Showing of Ithacans--Michigan Third

FINISHES.					
Team	1	2	3	4	Totals.
Cornell	1	2	5	6	22
Technology	9	16	19	21	88
Michigan	3	12	24	30	112
Yale	7	13	26	31	114
Dartmouth	15	18	28	29	123
Syracuse	10	17	25	45	143
Harvard	4	27	36	39	153
Pennsylvania	22	32	34	41	183
Columbia	11	48	53	57	232
Princeton	20	42	49	61	234

With the finest of running and excellent head work, Cornell easily won the I C. A. A. A. cross-country run held over the Tech course, Saturday morning. The showing made by Cornell was more than fine, it was wonderful. Tech by showing fine qualities finished a safe second, with the other schools in the following order: Michigan, Yale, Dartmouth, Syracuse, Harvard, Pennsylvania, Columbia, Princeton.

T. S. Bema, the star sophomore of Cornell won the individual honors, but he was followed closely by W. H. Tappan of the same college.

At the crack of the starter's gun, 70 men jumped to their feet and sprang off almost instantaneously. Down the field in even rows all the men ran, until P. D. White of Tech slowly got the lead and was the first outside the field. He was quickly followed by Capt. Dorr of Columbia, Watkinson of Tech; Benson, Tech; Capt. Haskell, Yale; and Rowse of Harvard. From Perkins street, a short way from the field, the men turned into the Holmlea estate with White still in the lead and Viets of Harvard second. About three-quarters of a mile from the start the men began to return for the first lap, towards home, Mills of Tech assumed the lead, but he was not far from Capt. Dorr of Columbia and Watkins of Tech who were running together.

A cheer greeted the men as they entered the second lap. Three Tech men were ahead at this point, Watkins, Benson and Mills. Dorr of Columbia, Haskell of Yale, Noyes of Dartmouth, May and MacLaughlin of Michigan, Tappan and Bema of Cornell and Kaynar of Yale came right on the heels of the leaders.

Spurred on by the cheers which greeted them when they crossed the field, the runners quickly crossed the field and started on the last and hardest lay of the course. They kept on the same track until they came out on the road from the Holmlea estate, they then ran up Clyde street, where at a point two miles from the field they turned back once more for home.

On this trip the runners struck the much talked of Larz Anderson hill, which proved fatal to a great many of the leaders.

The Tech men were here passed by the stars of Cornell and Withington of Harvard, who showing excellent form, was leading when the top of the hill was reached. Young of Cornell was second, about five yards behind Tappan of Cornell; May, Michigan; Flemming, Cornell; Watkins, Tech; Bema, Cornell; Haskell, Yale; Norton, Syracuse; Benson, Tech; Noyes, Dartmouth; and Dorr of Columbia.

Withington held his lead for a mile and a half along the road, the others being strung out along the road for over a mile. The three leading Cornell men, Young, Tappan and Bema were pushing Withington hard and at the junction of Jamaica Road and Perkins Street took the lead from him.

When the men entered the field they were in the following order: Tappan, Cornell; Bema, Cornell; Withington, Harvard; May, Michigan; Young, Cornell; Haskell, Yale; Fleming and Brown, Cornell; Norton, Syracuse; Dorr of Columbia; and Watkins of Tech.

Amid the wild shouts and cheers of spectators, Tappan and Bema started around the quarter mile track at a terrific pace, Bema just passing his team mate Tappan at the tape. May passed Withington on the last stretch, forcing the later into fourth place.

The excellent team work of Coach Moakley's team from Cornell was here shown, when five of the men from this team finished in the first eight, giving the team race to Cornell with 22 points, Tech second with a score of 88, although Watkins the first Tech man to finish was only ninth.

The order in which the Tech men finished was:

- 9--H. G. Watkins, 34m. 7s.
- 16--L. O. Mills, 34m. 19s.
- 19--Elmer Jacobs, 34m. 33s.
- 21--Harvey Benson.
- 23--Kenneth Cartwright.
- 51--P. D. White.

The following is the order of finishes with the times of the first 20 men to finish:

- 1--T. S. Bema, Cornell, 33m. 5 1-5s.
- 2--W. Tappan, Cornell, 33m. 6 1-5s.
- 3--D. C. May, Michigan, 33m. 12s.
- 4--P. R. Withington, Harvard, 33m. 24s.
- 5--H. C. Young, Capt., Cornell, 33m. 41s.
- 6--R. Fleming, Cornell, 33m. 47s.
- 7--A. M. Haskell, Yale, 34m.
- 8--L. R. Brown, Cornell, 34m. 3-5s.
- 9--H. G. Watkins, Tech, 34m. 7s.
- 10--J. G. Norton, Syracuse, 34m. 8s.
- 11--W. C. Dorr, Columbia, 34m. 9s.
- 12--W. Willits, Michigan, 34m. 10s.
- 13--W. F. Kaynor, Yale, 34m. 11s.
- 14--E. A. Hunger, Cornell, 34m. 12s.
- 15--G. W. Noyes, Dartmouth, 34m. 13s.
- 16--L. O. Mills, Tech, 34m. 19s.
- 17--H. T. Morrell, Syracuse, 34m. 20s.
- 18--C. C. Spokesfield, Dartmouth, 34m. 22s.

(Continued on page 4.)

CALENDAR.

Monday, December 22.

At Stadium--Yale 8, Harvard 0.

4:00 P. M.--Meeting Wireless Society, Eng B.

4:00 P. M.--Basket ball practice. Tuesday, November 23.

8:00 P. M.--Chemical Society in Union. Talk.

8:00 P. M.--Meeting Mining Eng. Society Harvard Union. Wednesday, November 24.

4:00 P. M.--Basket ball practice. Friday, November 26.

4:00 P. M.--Basket ball practice.

8:00 P. M.--Joint concert and dance at Mechanics Building. Sunday, November 28.

8:00 P. M.--Y. M. C. A. Meeting in Union.

THE TECH.

Published daily except Sunday during the college year by students of the Massachusetts Institute of Technology.

Entered as second class matter Sept. 29, 1900, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

General Manager,
R. H. Ranger 1911

News Board.

D. P. Gaillard 1911 Editor-in-Chief
A. L. Fabens 1910 Institute Editor
J. I. Murray 1912 Athletic Editor
G. M. Keith 1912 Exchange Editor
N. McL. Sage 1912 Society Editor

Business Board.

N. DeForest 1911.... Business Manager
D. N. Frazier 1911, Circulation Manager
H. Merrill 1912 ... Advertising Manager

Advertising Associate.

R. M. Barton 1911 .. Asst. Adv. Mgr.

Circulation Associates.

S. C. Neff 1912 Mailing and Dist.
H. D. Kemp 1912 Posters
A. Yereance 1911 Notices

Monday Issue,

S. C. Bates, 1911 Associate Editor

All communications regarding advertisements should be addressed to the Business Manager. Regarding subscriptions address the Circulation Manager.

Subscriptions within the Boston Postal District and outside of United States must be accompanied by postage at the rate of one cent for each copy.

Subscription \$1.50 per year in advance
Single Copies 1 Cent.

Printed by Puritan Linotype, Boston

BOSTON, MASS., NOVEMBER 22, 1909

It does not seem that scholastic ability at the Institute is appreciated. The leaders in athletics and student activities are known by reputation to practically all the students. This is entirely as it should be; but what about the men who are putting in their best efforts on their Institute work, and above all, what about the men who are participating in activities and, at the same time, are doing good work at the Institute? Ought not these men to get credit for their work in one field as much as in another?

At present, if an undergraduate wishes to get a reputation as a capable, efficient man and show what there is in him, he is practically compelled to go out for some activity. His work there, if it is efficient, brings him esteem and there is a very strong temptation for him to neglect his studies. Some men fall to this temptation feeling that excellent work on these studies is, in a way, wasted, and pay only sufficient attention to them in order to scrape through. On the other hand, quite a number of men have foresight enough to do, or to attempt to do, full justice to both their Institute and outside work.

All graduates are on the same dead level, for all their later employers know; all have done exactly the same grade of work at the Institute.

Perhaps the best way to remedy this state of affairs would be to publish a rank list at the end of each term, with the men in each year in each course ranked in order of scholarship. At present this is done with the members of the graduating class in a few of the courses, but this ranking is "sub rosa," and it spreads only by indefinite rumors. These lists would give both credit and discredit to whom they are due, and, it seems entirely probable that the result would be more earnest work by all, especially by those men who have started in brilliantly in their freshmen year, but who have soon slowed down with the feeling of "what's the use."

In publishing such a list, the Institute would not be doing something unprecedented. Such a ranking system prevails at both the Naval and Military Academies, which are famous for their efficient training, and in many other schools and colleges as well.

As a substitute, perhaps not quite so effective, it seems that it would be possible to publish the list of men who have done creditable work in each subject, as is done at present at Harvard, for example; and to establish an hon-

orary society corresponding to the Phi Beta Kappa at the academic colleges. This last system is that which prevails in the majority of colleges and universities in the country, and it is a source of wonder to many undergraduates why it has not been adopted here before.

That Spanish should not be a third year option is to many a hardship. Fifty-eight former students are now residents in Spanish speaking countries, almost as many more are in parts of this country where Spanish speaking labor is common.

Many men in the Institute are watching the phenomenal growth of engineering in the South and Central America, and they would like a knowledge of the language to help them in their expected work there.

The ruling of the faculty permits Spanish only as an extra study. There are few men who wish to spend time on extra subjects. Most men with full regular schedules cannot conveniently do this work in addition to the prescribed work, and fewer still wish to continue their school hours until five.

That the decision against Spanish is more than an inconvenience to the men, will be plainly evident from the diminution of numbers in the courses since the time when it was given as an option. In another column we print this data and a summary of the reasons for which Spanish was turned down by the faculty.

It seems a great pity that when other colleges and universities are encouraging the study of Spanish, we should discourage it.

SHOW DINNER

(Continued from page 1.)

activities which it considered suitable. Mr. Emerson also suggests the appointment of an alumnus treasurer for the Show, in order to relieve the business management of some of the work, and to give a continuity to the management that is lacking at present. In closing he urged all the new men to come out for the Show, in order to meet each other and get together in a social way.

I. W. Wilson 1911, business manager of this year's Show, the next speaker, gave a very interesting outline of the work of his department. This work consists in getting ads for the program, in making contracts for the advertising and printing, and in handling the tickets. In all this work exact track is kept of all expenditures and receipts, so that the financial condition of the show can be ascertained at any time. The work of the business department, in meeting business men in a business way, is both enjoyable and of future benefit, and Manager Wilson said that although several very promising men had answered the recent call for candidates in this department, there was still a chance for others, and he desired all lower classmen who have and ability, to come out. In closing, Wilson said that every man in the Institute should do enough for the Show in order to feel that he, individually has helped it.

Kenneth Greenleaf 1911, the stage manager, said that everybody ought to come out when the call for the principals and chorus is made in February. Even if the men think they have no chance, they should come out and let Coach Francis size them up. The stage department has to do with the production of the show, the conduct of the men on the floor and all that pertains to the performance.

H. C. Davis 1911, publicity manager, said that the work of his department consisted in getting the Show before the public. This is done by publishing articles about the progress of the Show from time to time in The Tech, the Boston dailies and the papers of other colleges. There is only one vacancy in

FOWNES GLOVES

mean right gloves—
so buy FOWNES and
save trouble.

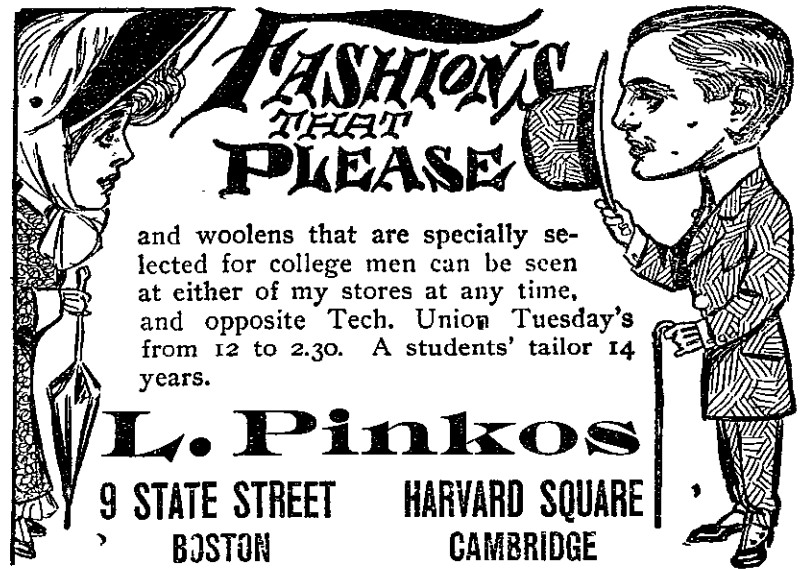
HAVE YOU TRIED THEM?

TASHA Turkish Cigarettes

They are fine in flavor and smooth.
The most perfect blend you ever smoked.

15 CENTS PER PACKAGE OF 10.

Try a box TODAY and see for yourself.



and woollens that are specially selected for college men can be seen at either of my stores at any time, and opposite Tech. Union Tuesday's from 12 to 2.30. A students' tailor 14 years.

L. Pinkos
9 STATE STREET BOSTON HARVARD SQUARE CAMBRIDGE

BACK BAY BRANCH

State Street Trust Co.

130 MASSACHUSETTS AVENUE, BOSTON

Credits interest monthly on accounts of \$300 and over.

MAIN OFFICE: 38 STATE STREET

HOTEL CUMBERLAND
Broadway at 54th Street, New York.
Near 50th St. Subway Station and 53d Street Elevated
KEPT BY A COLLEGE MAN



New and Fireproof
Rates Reasonable. \$2.50 with bath and up. Send for booklet.
HARRY P. STIMSON
Formerly with Hotel Imperial



SAVES TIME TO BUY OR SELL THE BOSTON GARTER
KNOWN TO EVERYBODY
WORN ALL OVER THE WORLD
MADE WITH Velox Grip CUSHION RUBBER BUTTON GLASP
OF ANY DEALER, ANYWHERE or Sample Fr., Cotton, 25c, Silk, 50c. Mailed on Receipt of Price.
GEORGE FROST CO. MAKERS, BOSTON
OVER 30 YEARS THE STANDARD
ALWAYS EASY

SMULLEN & CO.

— TAILORS —

51 SUMMER ST., cor. Chauncey St.
Highest Grades : Popular Prices

this department, that of freshman assistant, and the competition for this place will be held after mid-year. The reappointment of H. L. Woehling 1912, as assistant in this department was announced.

Prof. Dugald C. Jackson of the Institute faculty, the next speaker, said that there were enough men here for two or three shows, and that these men certainly ought to be able to participate in the Show, or the other activities, and keep up in their work. In closing Prof. Jackson advised the men to go into the Show for all they were worth, and if they kept up in their studies, the faculty would be glad to see them doing something to broaden themselves.

C. J. Belden 1910, and R. H. Allen 1910, the stars of last year's Show were called upon, and made very interesting speeches, Belden saying that there should be at least 250 men to answer the call for candidates.

Last, but by no means least, Coach Francis spoke. He announced that he 40 years old, and not 39 as erroneously reported. He backed up the statements of Prof. Jackson by saying that the Show did not want men who could not keep up in their studies and be in the Show at the same time. With several old actors back this year and a very good book, prospects are exceedingly bright for a fine Show, and it is up to the freshmen and sophomores to get everybody out for the Show in one capacity or another. If everyone helps there is no reason why the Tech Show should not maintain its prestige as the leading college show of the country, or as Francis expressed it, the "Yale-Harvard game among college shows."

At the conclusion of the dinner the men adjourned upstairs where selections from former Shows were given until the gathering broke up at about 9 o'clock.

In response to a call for lyric writers for this year's Show, the following men reported to Coach Francis in the Show Office Saturday noon: B. U. Reaves 1912, M. A. Oettinger 1912, E. C. Vose 1911, Wm. Katzenberg 1913, W. J. Orchard 1911, C. H. Strang 1913, and S. A. Malcom 1909. There are undoubtedly more men in the Institute who expect to write lyrics for this year's Show, but who were unable to be present. These men are requested to send their names and address to Stage Manager Kenneth Greenleaf, care of Cage at once, in order that they may receive a list of subjects of possible lyrics. Coach Francis and General Manager Clapp 1910, explained to the men the character of lyrics wanted, and emphasized the fact that one person is not expected to write all the lyrics of the play. It is hoped a greater number of men will report, so as to make the choice as large as possible.

WIRELESS SOCIETY

During the last few days the officers of the Wireless Society have been busy completing the final plans for the wireless station. Considerable delay has been expressed by the authors at the Institute and of the city of Boston on account of the importance of a powerful wireless station. Reports of all committees will be read at the meeting held Monday afternoon at 4:00, in 11 Eng. B. The location for the station room will be announced at that time. A large amount of important business is to be transacted and a full membership is desired. All students who wish to join the society should be present at that time. The membership is growing fast, and it may be found necessary to limit it.

Fall Clothes

FOR GENTLEMEN

Highest Order of Tailoring, yet Ready to Slip Into.

Suit or Overcoat
\$25 to \$50

FINEST OF FURNISHINGS,
ALSO

Ely Meyer & M. C. Simon
T. Henry Clarkson, Manager.
WASHINGTON AND
FRANKLIN STREETS.

Tel. 1507-1 B. B.

MISS SAWYER

MULTIGRAPHING
TYPEWRITING

486 BOYLSTON ST., Opp. Rogers Bldg.

VISIT THE NEW STORE

BUILT ESPECIALLY FOR YOU.

DRAFTING INSTRUMENTS, PAPERS,
TRACING CLOTH, TRIANGLES, T
SQUARES, SLIDE RULES, PENCILS,
ETC. PAINTS, VARNISHES AND
HARDWARE.

At Lowest Price

210 CLARENDON ST.

ALSO

82 and 84 WASHINGTON ST.

Catalogues Free

**Wadsworth,
Howland & Co.**

Incorporated

McMORROW College Shoes for College Men

238 Washington Street, Boston, Mass.

OPPOSITE YOUNG'S HOTEL

C. F. HOVEY, 33 Summer Street GLOVES

MEN'S ENGLISH HAND-SEWN OR PIQUE SEAM CAPE GLOVES.

1.50 Per Pair

FATIMA TURKISH BLEND CIGARETTES

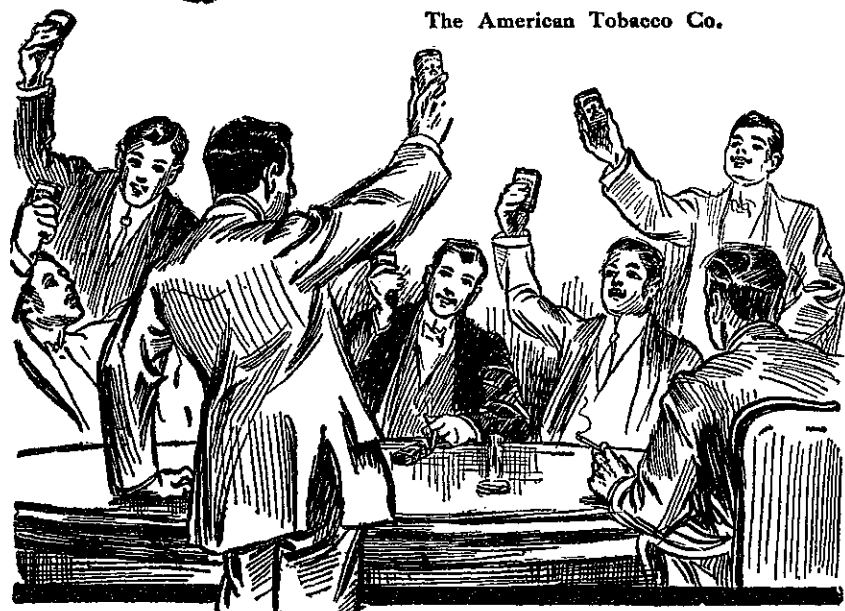
✱ 20 for 15 cts. ✱

THE College Tavern. Happy hours.
Splendid chaps. Old romances.
Pleasant recollections---
and Fatima Cigarettes.



The Turkish Cigarette of
distinction. A blend of mild,
mellow, full-flavored tobacco
exquisitely pleasing to the taste.

The American Tobacco Co.



ODIN FRITZ

PHOTOGRAPHER,

Calls special attention of Technology
students to the excellency of his
work.

304 Boylston Street.

Castle Sq. Daily 2 and 8 Tel. Tremont 5

John Craig Stock Co. in
A CONTENTED WOMAN.
Prices 15c., 25c., 50c., 75c.
Down-town Ticket Office, 15 Winter St.

HERRICK TICKETS ALL THEATRES COPLEY SQUARE

Telephones 2329, 2330 and 2331 Back Bay

Preston's Coffee House

Open All Night.
1036 BOYLSTON STREET, BOSTON
Telephone 2206-1 B. B.

Lombardy Inn Italian Restaurant...

Table d'Hote Dinner 5 to 8.30
A la Carte
STRICTLY ITALIAN CUISINE
ITALIAN WINES
BOYLSTON PLACE
Near Colonial Theatre
BOSTON, MASS.
Telephone Oxford 2942

GEO. H. ELLIS CO. Printers

No. 272 CONGRESS STREET
BOSTON, MASS.

Phone 1549.

HIGGINS'

Drawing-Inks
Eternal Writing-Ink
Engrossing-Ink
Taurine Mucilage
Photo-Mount
Drawing-Board Paste
Liquid Paste
Office Paste
Vegetable Glue, Etc.



Are the Finest and Best Inks and
Adhesives. Emancipate yourself
from the use of corrosive and ill-
smelling inks and adhesives and
adopt the Higgins Inks and Ad-
hesives. They will bear revelation
to you, they are so sweet, clean,
and well put up.

At Dealers Generally.

CHAS. M. HIGGINS & CO., Mfgs.
Branches: Chicago, London
271 Ninth Street, Brooklyn, N. Y.

M. J. HANNICAN

HAS MOVED HIS BARBER SHOP
FROM THE NORTH CORNER TO
THE CAFE ENTRANCE OF HO-
TEL WESTMINSTER. SPECIAL
ATTENTION PAID TO STU-
DENTS.

Miss M. F. Fiske

THE RED GLOVE SHOP
322 Boylston St., opp. Arlington

is showing a handsome shade in
men's chamois gloves at \$1.50
a pair. Other makes at this
price are Fownes and Dent's
in the popular cape leather in
handsome shades of tan.

MORSE & HENDERSON TAILORS

18 BOYLSTON STREET,
Tel. Oxford 99

BOSTON

Rooms 14-15.

THE LATEST NOVELTIES FOR FALL
AND WINTER FOR COLLEGE MEN.

THE TECH
has Credit, that
will be sold at a
discount, with
stores selling the
following articles
Men's Furnishings
Tailors
Shoes
Hotel Due Bills
Fountain Pens

**The
Tech**
Offers Opportunities
for Mutual Benefit
In the Competitions
for the Various Offices
IN NEWS
ADVERTISING
AND CIRCULATION

Those in charge of each of these
departments can be found in
THE TECH Office from 8:30 to
9:00 daily.

Trinity Court Petit Lunch

Menu, Nov. 22, 1909.
Puree of Split Peas.
Consomme Alphabet.
Fried Cod, Paprika Sauce.
Braised Beef and Spaghetti.
Stewed Venison, hunter style.
Corned Beef and Cabbage.
Chicken Croquettes, Macedonie.
Compote of Rice, Claret Sauce.
Roast Rib of Meef.
Lamb, Mint or Brown Gravy.
Pastry or Coffee.
20c.

ROWAN & CURRY

THE TECH BARBERS
Special attention paid to students at
M. I. T.
In the New Chauncey Hall Building
585 BOYLSTON STREET
Opp. Copley Square

OLD ESTABLISHED DINING ROOM

A. G. COTTON, Propr.
33 St. Botolph St.
Best Board in Back Bay.
Reasonable Rates.
We make a specialty of serving
Tech Students.



CROSS COUNTRY

(Continued from page 1.)

- 19—Elmer Jacobs, Tech, 34m. 33s.
- 20—M. R. Koehler, Princeton, 34m. 35s.
- 21—H. S. Benson, Tech.
- 22—A. G. Boryner, Penn.
- 23—Kenneth Cartwright, Tech.
- 24—J. A. McLaughlin, Michigan.
- 25—H. Algire, Syracuse.
- 26—C. A. Mason, Yale.
- 27—W. P. Rogers, Harvard.
- 28—J. O. Scott, Dartmouth.
- 29—C. B. Baxter, Dartmouth.
- 30—J. B. Saxton, Michigan.
- 31—H. K. Miles, Yale.
- 32—J. E. Wilson, Penn.
- 33—L. A. Bull, Dartmouth.
- 34—F. Walle, Penn.
- 35—L. R. Bogert, Cornell.
- 36—W. A. Fernald, Harvard.
- 37—G. B. Marsh, Yale.
- 38—W. McK. Dunn, Yale.
- 39—H. Y. Masten, Harvard.
- 40—J. C. Langdell, Dartmouth.
- 41—H. Church, Penn.
- 42—V. G. Melick, Princeton.
- 43—B. Beardslee, Michigan.
- 44—C. F. Spangler, Michigan.
- 45—G. L. Van Auken, Syracuse.
- 46—T. A. Ross, Syracuse.
- 47—P. C. Field, Harvard.
- 48—G. S. Gunther, Columbia.
- 49—E. Vernon, Princeton.
- 49—E. Vernon, Princeton.
- 50—S. L. Southgate, Yale.
- 51—P. D. White, Tech.
- 52—J. Otte, Michigan.
- 53—H. W. Evans, Columbia.
- 54—W. C. Griffiths, Penn.
- 55—W. T. Jones, Dartmouth.
- 56—Walter Levering, Penn.
- 57—D. Maurice, Columbia.
- 58—W. G. Buckish, Columbia.
- 59—R. H. Rowse, Harvard.
- 60—R. M. Hunter, Penn.
- 61—G. A. Kirkpatrick, Princeton.
- 62—R. H. Valentine, Princeton.
- 63—K. Lamb, Columbia.
- 64—D. Horton, Princeton.
- 65—D. Layton, Syracuse.
- 66—H. W. Flack, Syracuse.

E. L. Viets of Harvard and R. D. Van Alstine of Technology did not finish the race.

Desirable Rooms for students, furnished or unfurnished, open fires, private baths. Rooms at \$4.00 to \$10.00 per room. Five minutes' walk from the Institute. Apply Business Manager, The Tech.

GENERAL NOTICES.

Water Analysis.
Course XI. 4th year. Water Analysis.
First exercise, Nov. 23.
Lectures—Tuesday 12 to 1, Room 23 Walker. (Nov. 23). Thursday 10 to 11, 23 W.

Laboratory, Tuesday and Thursday afternoons, Room 36 Walker.

WIRELESS SOCIETY.—All students who wish to become members of the M. I. T. Wireless Society should hand in their name and address to H. L. Woehling, Secretary, or address a note to him at the Cage, so that they can be voted on at the next meeting.

E. B. MOORE, President.

FOR SALE.—Complete wireless outfit. Sending set capable of sending 20 miles. Receiving set receives up to 200 miles. Inquire at the Cage.

MUSIC.—Mandolin instruction, music for parties, etc.

S. G. GRISWOLD,
Tel. 2106-6. 455 Columbus Ave.
44-47.

Dining room in Union will not be open on Thanksgiving.

FOURTH YEAR.

Hydraulics—Course X.

The first exercise will be on Tuesday, Nov. 23, in room 54 Eng. A.
WALTER HUMPHREYS,
Registrar.

WIRELESS SOCIETY.—Meeting Monday at 4.00 P. M. in 11 Eng. B.

100 MEN WANTED.

If you have any spare time between 10 A. M. and 10 P. M. see J. K. Mason at the Christian Ass'n office, Engineering B, between one and two o'clock. The Boston-1915 Exposition wants men who can serve as guides through the Exposition.

The Physical Society will meet in Room 20, Walker, Thursday at 4.30. Dr. Fay will speak on "The Structure of Alloys." Those interested are invited to attend.
D. F. COMSTOCK.

Try a Piece of Pie Cooked by Electricity at the Tech Union. Price, 4 cents.

CLASSIFIED LIST OF ADVERTISERS

ATTRACTIONS.
Castle Square Theatre.

BARBERS.
Rowan & Curry.
M. J. Hannigan.

BANKING HOUSES.
Old Colony Trust.
State Street Trust Co.

BOOKSTORE.
Old Corner Bookstore.

CIGARETTES.
Fatima.
Tasha.

CONFECTIONERY.
Apollo Chocolates.
Copley Square Drugs.

ENGINEERS.
Stone & Webster.

GLOVES.
Miss Fiske.
Fownes.

HARDWARE.
Wardsworth & Howland.

HATTERS.
Collins & Fairbanks.
Sphinx.

HOTELS.
Hotel Brunswick.
Hotel Cumberland.

JEWELERS.
Bent & Bush.

MEN'S FURNISHINGS.
Arrow collars.
Boston Garters.
Collins & Fairbanks.
C. F. Hovey & Co.
Ely Meyer & M. C. Simon.
Richardson's.
Macular Parker.
Noyes Bros.
Shuman & Co.

PRINTERS.
Geo. H. Ellis.

RESTAURANTS.
Copley Lunch.
Lombardi Inn.
Petit Lunch.
Preston's Coffee House.
A. G. Cotton.
Boston Dairy.
Landers Lunch Room.
Union Dining Room.

SHOES.
McMorrow.
Coes & Stodder.

SPORTING GOODS.
A. G. Spalding.

STATIONERS.
Faber Pencils.
MacLachlan.
Moore's Pens.

THEATER TICKETS.
Herrick.

TYPEWRITING.
Miss Sawyer.

OLD COLONY TRUST COMPANY

Capital and Surplus, \$7,500,000.00

Main Office, Court Street

Branch Office, Temple Place

SAFE DEPOSIT VAULTS AT BOTH
OFFICES

